

TITLE

SCORPION TOXINS

ABSTRACT OF THE DISCLOSURE

This invention relates to an isolated nucleic acid fragment encoding scorpion toxins
5 that are K-channel modifiers. The invention also relates to the construction of a chimeric
gene encoding all or a substantial portion of the K-channel modifier, in sense or antisense
orientation, wherein expression of the chimeric gene results in production of altered levels of
the K-channel modifier in a transformed host cell.

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